

General Specifications – Navigator Series

Stabilization Time	≤1 second
Tare Range	Full capacity by subtraction
AC Power	12VDC 0.42A AC adapter (included), 100-240V 0.25A 50-60Hz
Calibration	User-selectable external span or linearity calibration / Digital with external weight
Application Modes	Weighing, Percent Weighing, Parts Counting, Check Weighing, Display Hold, Accumulate/Totalize
Weighing Units*	Gram, Kilogram, Pound, Ounce (decimal or fractional), Pound:Ounce (decimal or fractional), Ounce Troy, Grain, Newton, Carat, Pennyweight, Hong Kong Tael, Taiwan Tael, Singapore Tael, Tical, Tola
Display Type	Backlit LCD: 6-digit 7-segment with white LED backlight
Display Size	0.78 in / 20 mm digits
Checkweigh Indicators	Over-Accept-Under LCD annunciators
Keypad	4 mechanical keys, raised and with tactile feedback plus 2 touchless sensors
Leveling Adjustment	Front-mounted level bubble with illumination / adjustable leveling feet with skid-resistant rubber pads
Overload Capacity	400% of rated capacity
Power Conservation	User-enabled auto power-off after 5 minutes of inactivity
Operating Conditions	50°F to 104°F / 10°C to 40°C at 20% to 85% relative humidity, non-condensing

\*NV212 no kg or lb units; NV511 / NVL511 no kg units

Standard Models – Navigator

Model	NV212	NV211	NV511	NV1101	NV2101	NV4101	NV5101	NV4000
Capacity x Maximum Displayed Readability	210 g x 0.01 g	210 g x 0.1 g	510 g x 0.1 g	1,100 g x 0.1 g	2,100 g x 0.1 g	4,100 g x 0.2 g	5,100 g x 0.5 g	4000g x 1g
	—	—	1.1 lb x 0.0005 lb	2.4 lb x 0.0005 lb	4.6 lb x 0.0005 lb	9 lb x 0.0005 lb	11.2 lb x 0.002 lb	9lb x 0.005lb
	7.4 oz x 0.0005 or 1/8 oz	7.4 oz x 0.005 or 1/8 oz	17.6 oz x 0.005 or 1/8 oz	38.4 oz x 0.005 or 1/8oz	73.6 oz x 0.005 or 1/8oz	144 oz x 0.01 or 1/8oz	179.2 oz x 0.02 or 1/8oz	144 oz x 0.05 or 1/8oz
			—	1.1 kg x 0.0001 kg	2.1 kg x 0.0001 kg	4.1 kg x 0.0002 kg	5.1 kg x 0.0005 kg	4kg x 0.001kg
Displayed Resolution (g)	1:21000	1:2100	1:5100	1:11000	1:21000	1:20500	1:10200	1:4000
Repeatability / Linearity	0.01 g / ±0.02 g	0.1g/±0.2g	0.1 g / ±0.2 g	0.1 g / ±0.2 g	0.1 g / ±0.2 g	0.2 g / ±0.4 g	0.5 g / ±1 g	1g/±2g
Span Calibration Mass <sup>1</sup>	200 g	200g	300 g	500 g	1 kg	2 kg	3 kg	2 kg
Linearity Calibration Mass <sup>1</sup>	100, 200 g	100,200g	300, 500 g	500 g, 1 kg	1, 2kg	2, 4kg	3, 5kg	2,4kg
Battery Power	4 AA (LR6) batteries (not supplied)							
Pan Size (W x D)	4.7 in / 120 mm (dia.)		7.5 x 5.4 in / 190 x 138 mm					
Scale Dimensions (W x D x H)	8 x 8.4 x 2.3 in / 204 x 212 x 58 mm							
Shipping Dimensions (W x D x H)	12 x 10 x 5.3 in / 305 x 255 x 134 mm							
Net Weight	3.1 lb / 1.4 kg							
Shipping Weight	4.2 lb / 1.9 kg							

<sup>1</sup>Calibration weights not included; contact OHAUS to purchase separately

Standard Models – Navigator XL

Model	NVL511/1	NVL1101/1	NVL2101/1	NVL5101/1	NVL10000/1	NVL20000/1
Capacity x Maximum Displayed Readability	510 g x 0.1 g	1,100 g x 0.1 g	2,100 g x 0.1 g	5,100 g x 0.5 g	10,000 g x 1 g	20,000 g x 1 g
	1.1 lb x 0.0005 lb	2.4 lb x 0.0005 lb	4.6 lb x 0.0005 lb	11.2 lb x 0.002 lb	22 lb x 0.005 lb	44 lb x 0.005 lb
	18 x 0.005 or 1/8 oz	38.8 x 0.005 or 1/8 oz	74 x 0.005 or 1/8 oz	179.9 x 0.02 or 1/8 oz	352 x 0.05 or 1/8 oz	705.5 x 0.05 or 1/8 oz
	—	1.1 kg x 0.0001 kg	2.1 kg x 0.0001 kg	5.1 kg x 0.0005 kg	10 kg x 0.001 kg	20 kg x 0.001 kg
Displayed Resolution (g)	1:5100	1:11000	1:21000	1:10200	1:10000	1:20000
Repeatability / Linearity	0.1 g / ±0.2 g	0.1 g / ±0.2 g	0.1 g / ±0.2 g	0.5 g / ±1 g	1 g / ±2 g	1 g / ±2 g
Span Calibration Mass <sup>1</sup>	300 g	1 lb / 500 g	2 lb / 1 kg	5 lb / 3 kg	10 lb / 5 kg	20 lb / 10 kg
Linearity Calibration Mass <sup>1</sup>	300 g, 500 g	1 lb, 2 lb 500 g, 1000 g	2 lb, 5 lb 1 kg, 2 kg	5 lb, 10 lb 3 kg, 5 kg	10 lb, 20 lb 5 kg, 10 kg	20 lb, 50 lb 10 kg, 20 kg
Battery Power	Internal rechargeable lead acid battery, 6V1.2AH (100-hour typical operation with 12-hour full charge), or 4C (LR14) batteries (not included)					
Pan Size (W x D)	7.6 x 8 in / 194 x 203 mm					
Scale Dimensions (W x D x H)	8 x 11.1 x 2.9 in / 204 x 282 x 74 mm					
Shipping Dimensions (W x D x H)	16 x 12.8 x 6.7 in / 390 x 325 x 170 mm					
Net Weight	4.3 lb / 2.0 kg					
Shipping Weight	6.1 lb / 2.8 kg					

<sup>1</sup>Calibration weights not included; contact OHAUS to purchase separately